T**EW5281** is designed and approved to be used as a Receive Transformer in T1 and CEPT applications with the following devices:

–	Dallas	DS2187
–	PMC -Sierra	PM4341 T1X PM6431 E1
–	AT&T	T729O
–	EXAR	T5683

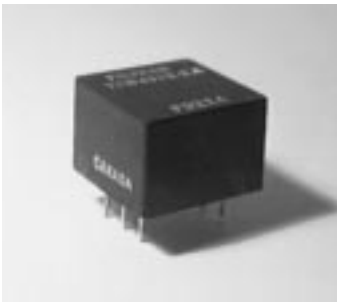
TEW5281-3 is designed to be used as an input transformer for:

–	Dallas	DS5151Q DS5153Q

Complies with ANSI T1.408 and CCITT I.431 with regards to Longitudinal Balance, and with T1.408, G.703 and BS6328 for the Return Loss.

Typical applications are:

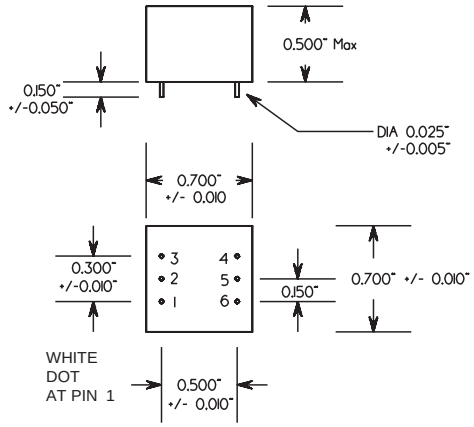
- Primary rate ISDN network nodes.
- PBX or computer to T1/CEPT Digital Trunks.
- TDM Multiplexers.

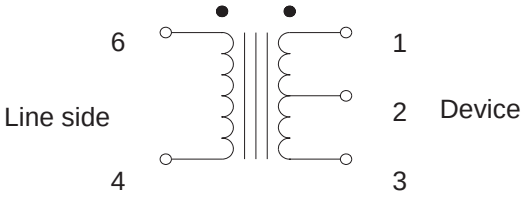


BABT certified for reinforced insulation to **EN60950** & **EN41003**

Cert #: CR/T/0052

MECHANICAL





ELECTRICAL SPECIFICATIONS			TEW5281-1	- 2	-3
Line Impedance			100, 120 Ω	75 Ω	75,100 120
DCR (Ohms)	nom nom	(1 - 3) (6 - 4)	1.55 0.85	1.11 0.55	0.8 0.7
Turns Ratio		(6 - 4):(1 - 3)	1 : 2	1 : 2	1 : 1
Inductance (mH)		(6 - 4)	> 3.5	> 0.7	1.8
Pulse Mask			T1 & CEPT	CEPT	T1 & CEPT
Longitud. Bal.			T1.408 & I.731	I.431	T1.408 & I.731
Return Loss			T1.408 G.703	G.703 BS6328	T1.408 & G.703
Dielectric Strength (Vrms)			4000	4000	4000

ISSUE: D 97/09/08 5281.chp